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PATENT
Attorney Docket No. P05768US00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: YOUNG, Won-Bin, et al. Group Art Unit: 1653
SERIAL NO: 10/810,976 Examiner:
FILED: March 26, 2004 Confirmation No: 9933
TITLE: METHOD FOR HIGH THROUGHPUT ELUCIDATION OF
TRANSCRIPTIONAL PROFILES AND GENOME ANNOTATION

**INFORMATION DISCLOSURE STATEMENT
FILED WITHIN THREE MONTHS OF FILING OR
BEFORE MAILING OF FIRST OFFICE ACTION (37 C.F.R. § 1.97(b))**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

This information disclosure statement is being filed within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of a first Office Action on the merits, or before the mailing of a first office action after the filing of a request for continued examination, whichever event occurs last.

Attached are Forms PTO/SB/08A and 08B (formerly Form PTO-1449) listing the relevant art known to the applicant herein. Copies of non-U.S. patents are enclosed. References that are U.S. patents are not required to be submitted. The Examiner is requested to consider the references and make them of record.

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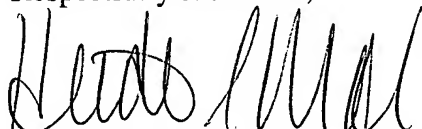

Heidi S. Nebel

Applicants disclose herewith patents, publications or other information, of which they are aware that they believe may be material to the examination of this application, and in respect of which, there may be a duty to disclose. Legible copies of all items listed in Forms PTO/SB/08A and 08B (formerly Form PTO-1449) accompany this information statement, except those identified above.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 C.F.R. § 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner.

Respectfully submitted,



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- bja -

Attorneys of Record



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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known			
		Application Number	10/810,976		
		Filing Date	March 26, 2004		
		First Named Inventor	YOUNG, Won-Bin, et al.		
		Art Unit	1653		
Sheet	1	of	3	Examiner Name	
				Attorney Docket Number	P05768US01

U.S. PATENT DOCUMENTS					
Examiner Initials *	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	US- 5,364,783 A	11/15/1994	Ruley, Earl H. et al	
	2	US- 5,631,236	05/20/1997	Woo, Savio L.C., et al.	
	3	US- 5,922,601 A	07/13/1999	Baetscher, Manfred et al	
	4	US- 5,434,065 A	07/18/1999	Mahan, Michael J. et al	
	5	US- 5,928,888	07/27/1999	Whitney, Michael A.	
	6	US- 5,968,798	10/19/1999	Hillman et al.	
	7	US- 5,985,266	11/16/1999	Link, Jr., et al.	
	8	US- 5,994,077	11/30/1999	Valdivia et al.	
		US-			

FOREIGN PATENT DOCUMENTS					
Examiner Initials *	Cite No. ¹	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	9	EP 0 761 822 A	03/12/1997	Univ Johns Hopkins Med	
	10	WO 98 14614 A	4/09/1998	Lexicon Genetics, Inc.	
	11	WO 98 53319 A	11/26/1998	Kinzler, Kenneth W; Vogelstein Bert (US); Univ Johns Hopkins (US)	
	12	WO 99/02719	01/21/1999	Ong, Christopher J, et al.; Univ. of British Columbia	
	13	WO 99 50426 A	10/07/1999	Lexicon Genetics, Inc.	
	14	WO 99 50426 A	10/07/1999	Lexicon Genetics, Inc.	
	15	WO 00/56874	09/28/2000	Hopkins, Nancy; Massachusetts Institute of Technology	
	16	WO 01/05970 A2	01/25/2001	Yue, Henry, et al. Incyte Genomics, Inc.	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/810,976
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		First Named Inventor	YOUNG, Won-Bin, et al.
		Group Art Unit	1653
		Examiner Name	
Sheet 2 of 3	Attorney Docket Number	P05768US01	
OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	17	"Isolation of Differentially Expressed Genes By Combining Representational Difference Analysis (RDA) and CDNA Library Arrays," <u>Biotechniques</u> , Eaton Publishing, Natick, US 25 (3) 434-438 (1998) - XP002916349	
	18	ALON U., et al "Broad Patterns of Gene Expression Revealed By Clustering Analysis of Tumor and Normal Colon Tissues Probed By Oligonucleotide Arrays," Proceedings of the National Academy of Sciences of USA, National Academy of Science. Washington, US. 96: 6745-6750 (1999)	
	19	BEJARANO, Luis A., et al. "motif Trap: A Rapid Method to Clone Motifs That Can Target Proteins to Defined Subcellular Localisations", Journal of Cell Science 112, 1999, 4207-4211, The Company of Biologists Limited 1999, Great Britain	
	20	BRENNER, Daniel G., et al. "Analysis of mamalian cell genetic regulation <i>in situ</i> by using retrovirus-derived "portable exons" carrying the <i>Escherichia coli lacZ gene</i> . Proc., Natl. Acad. Sci USA Vol. 86, pp. 5517-5521, July 1989 Genetics	
	21	BRONCHAIN, Odile J., et al. "A gene trap approach to <i>Xenopus</i> " Brief Communication , Current Biology 1999, 1195-1198, Elsevier Science Ltd., Great Britain	
	22	DUNN, Anne K., et al. "A vector for promoter trapping in <i>Bacillus cereus</i> " Gene 226, 1999, 297-305, Elsevier Science Ltd., Great Britain	
	23	DURICK K, ET AL "Hunting With Traps," Genome Wide Strategies For Gene Discovery and Functional Analysis", <u>Genome Research</u> 9 (11) 1019-1025 (1999)	
	24	FRIEDRICH G., et al "41 Insertional Mutagenesi By Retroviruses and Promoter Traps In Embryonic Stem Cells" <u>Methods in Enzymology</u> , Academic Press Inc, San Diego, CA, US. 225: 681-701 (1993) - XP 002911853	
	25	GYGI, Steven P., et al. "Correlation between Protein and mRNA Abundance in Yeast" Molecular and Cellular Biology, Vol. 19, No. 3, 1999, 1720-1730, USA	
	26	HARDOUIN, Nathalie et al. "Gene-Trap Based Target Site for Cre-Mediated Transgenic Insertion" Genesis 26, 2000, 245-252, Wiley-Liss, Inc. Canada	
	27	ISHIDA, Yasumasa et al., "RET: a poly A-trap retrovirus vector for reversible disruption and expression monitoring of genes in living cells" Nucleic Acids Research 1999, 1-11, Oxford Journals Online, Great Britain	
	28	KERR, William G., et al. "Analysis of lipopolysaccharide-response genes in B-lineage cells demonstrates that they can have differentiation stage-restricted expression and contain SH2 domains" Proc. Natl. Acad. Sci. USA, Vol. 93, pp. 3947-3952, April 1996, Genetics XP-002091218	
	29	MULLEN, Craig A. "Metabolic Suicide Genes In Gene Therapy" Pharmaceutical Therapy, Vol. 63, 1995, 199-207, Elsevier Science Ltd., Great Britain	
	30	REDDY, et al "Fluorescence Activated Sorting of Totipotent Embryonic Stem Cells Expressing Developmentally Regulated LacZ Fusion Genes," <u>Proceedings of the National Academy of Sciences of USA</u> 89 6721-6725 (1992) - XP-002115386	
	31	STANFORD, William L., et al. "Expression Trapping: Identification of Novel Genes Expressed in Hematopoietic and Endothelial Lineages by Gene Trapping in ES Cells, Blood, Vol. 92, No. 12 (December 15, 1998) pp 4622-4631	

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		Group Art Unit	1653
		Examiner Name	
Sheet 3 of 3	Attorney Docket Number	P05768US01	

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Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	32	SUAREZ, Antonio, et al. "Green fluorescent protein-based reporter systems for genetic analysis of bacteria including monocopy applications" Gene, 1997 Elsevier Science Ltd., Great Britain	
	33	TATE, Peri et al. "Capturing novel mouse genes encoding chromosomal and other nuclear proteins" Journal of Cell Science 111, 2575-2585 (1998) Great Britain	
	34	TIMMONS, Lisa et al. "Green Fluorescent Protein/ β -galactosidase Double Reporters for Visualizing <i>Drosophila</i> Gene Expression Patterns" Developmental Genetics 20:338-347 (1997)	
	35	YEH, Edward et al. "Green Fluorescent protein as a vital marker and a reporter of gene expression in <i>Drosophila</i> " Proc. Natl. Acad. Sci., Vol. 92, 1995, 7036-7040, Canada	
	36	ZHENG, Xiangqun H., et al. "An Avian Sarcoma/Leukosis Virus-Based Gene Trap Vector for Mammalian Cells" Journal of Virology, Vol. 73, 1999, p. 6946-6952	

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